AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-44. (Cancelled).

1	45.	(Currently amended) A machine-implemented method, comprising the steps of:
2		a service requestor using an # Internet Protocol (IP) address to access a service
3		provided by a first node within a cluster;
4		in response to said first node becoming unavailable, automatically configuring a
5		second node of the cluster to respond to requests associated with said IP
6		address;
7		after said first node becomes unavailable, the service requestor using said IP
8		address to send a message to said cluster related to said service; and
9		in response to said message, said second node of the cluster sending a response
10		that indicates an error condition.
1	46.	(Previously presented) The method of Claim 45, further comprising the steps of:
2		upon receiving said response, the service requestor identifying a second IP address
3		to access said service; and
4		the service requestor using said second IP address to send a second message to
5		said cluster related to said service.
1	47.	(Previously presented) The method of Claim 45, further comprising the step of:
2		storing, at the first node, information identifying one or more nodes of the cluster
3		as being standby nodes, wherein each of the one or more standby nodes
4		may be instructed to provide the service if the first node becomes
5		unavailable.
1	48.	(Previously presented) The method of Claim 45, further comprising the step of:
2		in response to said first node becoming unavailable, determining if said first node

3		cluster.
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1	49.	(Previously presented) The method of Claim 48, further comprising the step of:
2		in response to determining said first node is configured to allow the service to be
3		provided by another node of the cluster, determining a standby node of the
4		cluster to perform the service; and
5		instructing the standby node to perform the service.
1	50.	(Previously presented) The method of Claim 45, further comprising the steps of:
2		in response to said first node becoming unavailable, instructing a standby node of
3		the cluster to perform the service;
4		determining if the plurality of services provided by the standby node may be
5		provided by another node of the cluster; and
6		if the plurality of services provided by the standby node may not be provided by
7		another node of the cluster, configuring the standby node to disallow the
8		plurality of services to be provided by another node of the cluster.
1	51.	(Previously presented) The method of Claim 50, further comprising the step of:
2		in response to configuring the standby node to disallow the plurality of services to
3		be provided by another node of the cluster, issuing an alert to a user.
1	52.	(Previously presented) The method of Claim 45, wherein said first node comprises
2		a monitor process, and wherein said monitor process is configured to detect if said
3		first node becoming unavailable.
1	53.	(Currently amended) A machine-readable medium carrying one or more
2		sequences of instructions, wherein execution of the one or more sequences of
3		instructions by one or more processors causes the one or more processors to
4		perform the steps of, comprising the steps of:
5		a service requestor using an IP Internet Protocol (IP) address to access a service
6		provided by a first node within a cluster;

/		in response to said first node becoming unavailable, automatically configuring a
8		second node of the cluster to respond to requests associated with said IP
9		address;
10		after said first node becomes unavailable, the service requestor using said IP
11		address to send a message to said cluster related to said service; and
12		in response to said message, said second node of the cluster sending a response
13		that indicates an error condition.
1	54.	(Previously presented) The machine-readable medium of Claim 53, wherein
2		execution of the one or more sequences of instructions by the one or more
3		processors causes the one or more processors to perform the steps of:
4		upon receiving said response, the service requestor identifying a second IP address
5		to access said service; and
6		the service requestor using said second IP address to send a second message to
7		said cluster related to said service.
1	55.	(Previously presented) The machine-readable medium of Claim 53, wherein
2		execution of the one or more sequences of instructions by the one or more
3		processors causes the one or more processors to perform the step of:
4		storing, at the first node, information identifying one or more nodes of the cluster
5		as being standby nodes, wherein each of the one or more standby nodes
6		may be instructed to provide the service if the first node becomes
7		unavailable.
1	56.	(Previously presented) The machine-readable medium of Claim 53, wherein
2		execution of the one or more sequences of instructions by the one or more
3		processors causes the one or more processors to perform the step of:
4		in response to said first node becoming unavailable, determining if said first node
5		is configured to allow the service to be provided by another node of the
6		cluster.
1	57.	(Previously presented) The machine-readable medium of Claim 56, wherein
2		execution of the one or more sequences of instructions by the one or more

3 processors causes the one or more processors to perform the step of: 4 in response to determining said first node is configured to allow the service to be 5 provided by another node of the cluster, determining a standby node of the 6 cluster to perform the service; and 7 instructing the standby node to perform the service. (Previously presented) The machine-readable medium of Claim 53, wherein 1 58. 2 execution of the one or more sequences of instructions by the one or more 3 processors causes the one or more processors to perform the steps of: 4 in response to said first node becoming unavailable, instructing a standby node of 5 the cluster to perform the service; 6 determining if the plurality of services provided by the standby node may be 7 provided by another node of the cluster; and 8 if the plurality of services provided by the standby node may not be provided by 9 another node of the cluster, configuring the standby node to disallow the 10 plurality of services to be provided by another node of the cluster. 59. 1 (Previously presented) The machine-readable medium of Claim 58, wherein 2 execution of the one or more sequences of instructions by the one or more 3 processors causes the one or more processors to perform the step of: in response to configuring the standby node to disallow the plurality of services to 4 5 be provided by another node of the cluster, issuing an alert to a user. 1 60. (Previously presented) The machine-readable medium of Claim 53, wherein said 2 first node comprises a monitor process, and wherein said monitor process is configured to detect if said first node becoming unavailable. 3